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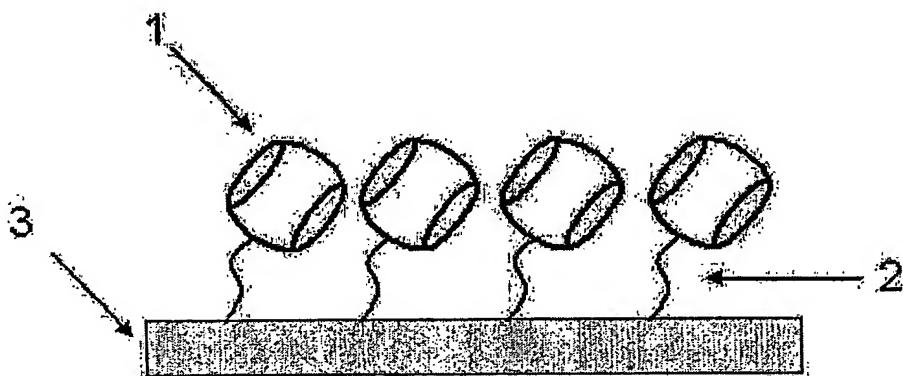
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(54) Title: **CUCURBITURIL DERIVATIVE-BONDED SOLID SUBSTRATE AND BIOCHIP USING THE SAME**



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(57) Abstract: Provided is a cucurbituril derivative-bonded solid substrate in which a cucurbituril derivative of Formula 1 is covalently bonded to a modified solid substrate of Formula 2. A protein chip, a gene chip, and a sensor for biomaterial assay using the cucurbituril derivative-bonded solid substrate are also provided.